

SUMMARY OF VITAL STATISTICS, 1966

This bulletin contains a summary of vital statistics for New South Wales for the year ended 31st December, 1966. Detailed statistics for earlier years are published in the Official Year Book and in the Part "Population and Vital Statistics" of the Statistical Register of New South Wales.

Population of New South Wales

The estimates of the population for periods between the 1961 and 1966 censuses of population and since the 1966 census have been prepared by adding to the population ascertained at the previous census the subsequent natural increase (the excess of births over deaths) and estimated net migration. The estimated net migration component has been based on statistics of overseas migration by State of residence and estimates of interstate transfers of residence, derived from recorded transfers of State of residence under child endowment and Commonwealth electoral procedures, with an estimated allowance for transfers of residence not covered by these procedures. No allowance is made for holiday, business, or other similar short-term movements interstate.

These estimates replace the former series of population estimates, in which the net migration component was based on statistics of overseas migration by State of embarkation or disembarkation and recorded total movements interstate by air, sea, rail, and bus.

The population estimates are subject to revision in the light of the final 1966 census results.

GEOGRAPHICAL SUBDIVISIONS OF THE STATE

The Sydney Statistical Division, as defined for general statistical purposes, embraces the area in close economic and social contact with Sydney. It replaces the Metropolis of Sydney and the Division of Cumberland as delineated before 30th June, 1966. The new division comprises the former Cumberland Division, that part of Camden Municipality formerly included in the South Coast Division, and the part of the City of Blue Mountains east of Linden (32,988 acres with a population of 13,829 at 30th June, 1966) formerly included in the Central Tableland Division.

Newcastle Statistical District (within the Hunter and Manning Division) and Wollongong Statistical District (within the South Coast Division), as defined for general statistical purposes, embrace the area in close economic and social contact with the main city. Newcastle Statistical District comprises the Cities of Newcastle and Maitland, the more densely populated north-eastern part of the City of Greater Cessnock (150,835 acres with a population of 33,804 at 30th June, 1966), and the Shires of Lake Macquarie and Port Stephens. Wollongong Statistical District comprises the City of Greater Wollongong and the Municipalities of Kiama and Shellharbour. These new Statistical Districts were adopted in June, 1966.

Births registered in New South Wales are allocated to a sub-division of the State according to the usual residence of the mother and deaths registered are allocated according to the usual residence of the deceased. In cases where the usual residence is outside the State, the birth or death is allocated to the sub-division in which it occurred.

The figures given in this bulletin for each geographical sub-division of the State relate to the area as delineated at 30th June, 1966.

Still-births. For purposes of record, still-births are registered as deaths as well as births, but in this bulletin, still-births are not included in the statistics of deaths. A still-born child is defined as "any child of seven months gestation or over, not born alive, and includes any child not born alive which measures at least fourteen inches, but does not include any child which has actually breathed".

Infant deaths. The term "infant deaths" relates to the deaths of infants under one year of age.

Classification of Causes of Death. Deaths have been classified in this bulletin according to the Seventh Revision (1955) of the International Statistical Classification of Diseases, Injuries and Causes of Death.

TABLE 1. ESTIMATED POPULATION AND ELEMENTS OF INCREASE, N.S.W.

Year	Estimated Population at 31st December			Increase in Population			Rate of Popula- tion Growth (c)
	Males	Females	Persons	Natural Increase (a)	Net Migration (b)	Total	
							Per cent.
1962	2,019,141	2,000,266	4,019,407	48,578	21,159	69,737	1.77
1963	2,044,992	2,028,815	4,073,807	46,839	7,561	54,400	1.35
1964	2,076,065	2,061,171	4,137,236	41,031	22,398	63,429	1.56
1965	2,109,350	2,095,908	4,205,258	39,120	28,902	68,022	1.64
1966	2,139,329	2,127,163	4,266,492	37,212	24,022	61,234	1.46

(a) Excess of live births over deaths.

(b) Excess of oversea and interstate arrivals over departures.

(c) Ratio of total increase in population during the year to the population at the end of the previous year.

NOTE: See explanatory notes on page 1.

TABLE 2. BIRTHS, DEATHS, AND MARRIAGES, N.S.W.

Year	Live Births	Still- births	Deaths		Marriages
			Total	Infant	
1962	85,439	1,099	36,861	1,825	30,360
1963	84,065	1,165	37,226	1,673	30,999
1964	80,518	1,003	39,487	1,634	32,633
1965	78,069	947	38,949	1,492	35,176
1966	77,758	964	40,546	1,490	35,575

TABLE 3. BIRTH, DEATH, AND MARRIAGE RATES, N.S.W.

Year	Live Birth Rate (a)	Still-birth Rate (b)	Deaths		Marriage Rate (a)
			Total (a)	Infant (c)	
1962	21.44	12.70	9.25	21.36	7.62
1963	20.77	13.67	9.20	19.90	7.66
1964	19.61	12.30	9.62	20.29	7.95
1965	18.72	11.98	9.34	19.11	8.43
1966	18.37	12.25	9.58	19.16	8.40

(a) Number per 1,000 of mean population.

(b) Still-births per 1,000 of all births (live and still).

(c) Deaths of children under 1 years of age per 1,000 live births

TABLE 4. BIRTH, DEATH, AND MARRIAGE RATES, AUSTRALIA, 1966

State	Live Birth Rate (a)	Death Rates		Marriage Rate (a)
		Total (a)	Infant (b)	
New South Wales	18.37	9.58	19.16	8.40
Victoria	19.88	8.91	17.44	8.42
Queensland	19.77	8.94	17.69	8.02
South Australia	18.64	8.55	17.52	8.30
Western Australia	20.33	8.10	19.34	8.37
Tasmania	19.93	8.51	14.59	7.93
Australia (c)	19.28	9.00	18.17	8.32

(a) Number per 1,000 of mean population.

(b) Deaths of children under 1 year of age per 1,000 live births.

(c) Including the Northern Territory and Australian Capital Territory.

TABLE 5. BIRTHS AND DEATHS IN STATISTICAL DIVISIONS OF N.S.W., 1966

Statistical Division	Mean Population	Live Births	Still-births	Deaths	
				Total	Infant
Sydney (a)	2,541,250	45,514	565	25,114	838
North Coast	170,330	2,929	28	1,508	43
Hunter and Manning - Newcastle Statistical District (a)	327,710	5,924	76	3,265	106
Balance	155,040	2,594	26	1,784	48
South Coast - Wollongong Statistical District (a)	178,210	3,651	51	1,316	68
Balance	76,100	1,415	16	794	31
Northern Tableland	57,540	1,106	17	474	24
Central Tableland (a)	147,430	2,796	46	1,597	78
Southern Tableland	69,250	1,408	14	568	27
North Western Slope	71,670	1,352	13	606	31
Central Western Slope	69,110	1,449	13	618	30
South Western Slope	142,040	3,001	41	1,264	68
North Central Plain	36,000	826	16	286	20
Central Plain	28,400	672	9	184	16
Riverina	95,190	1,938	20	709	37
Western Division	60,800	1,178	13	457	25
Lord Howe Island	267	5	...	2	...
New South Wales	4,233,813(b)	77,758	964	40,546	1,490

(a) See explanatory notes on page 1.

(b) Includes migratory population.

TABLE 6. BIRTH AND DEATH RATES IN SEATISTICAL DIVISIONS OF N.S.W., 1966

Statistical Division	Live Births per 1,000 of Mean Population	Still-births		Total Deaths per 1,000 of Mean Population	Infant Deaths per 1,000 Live Births
		Per 1,000 of Mean Population	Per 1,000 of All Births (live & still)		
Sydney (a)	17.91	.22	12.26	9.88	18.41
North Coast	17.20	.16	9.47	8.85	14.68
Hunter and Manning - Newcastle Statistical District (a)	18.08	.23	12.67	9.96	17.89
Balance	16.73	.17	9.92	11.51	18.50
South Coast - Wollongong Statistical District (a)	20.49	.29	13.78	7.38	18.63
Balance	18.59	.21	11.18	10.43	21.91
Northern Tableland	19.22	.30	15.14	8.24	21.70
Central Tableland (a)	18.96	.31	16.19	10.83	27.90
Southern Tableland	20.33	.20	9.85	8.20	19.18
North Western Slope	18.86	.18	9.52	8.46	22.93
Central Western Slope	20.97	.19	8.89	8.94	20.70
South Western Slope	21.13	.29	13.48	8.90	22.66
North Central Plain	22.94	.44	19.00	7.94	24.21
Central Plain	23.66	.32	13.22	6.48	23.81
Riverina	20.36	.21	10.21	7.45	19.09
Western Division	19.38	.21	10.92	7.52	21.22
New South Wales	18.37	.23	12.25	9.58	19.16

(a) See explanatory notes on page 1.

TABLE 7. LIVE BIRTH : NUPTIALITY AND SEX, N.S.W.

Year	Number of Live Births					Live Births per 1,000 of Mean Population	Ex-nuptial Births per 100 Total Live Births	Male Live Births per 100 Female Live Births
	Nuptial	Ex- Nuptial	Total					
			Males	Females	Persons			
1962	80,668	4,771	44,014	41,425	85,439	21.44	5.58	106
1963	79,242	4,823	43,059	41,006	84,065	20.77	5.74	105
1964	75,091	5,427	41,414	39,104	80,518	19.61	6.74	106
1965	72,369	5,700	40,219	37,850	78,069	18.72	7.30	106
1966	71,734	6,024	40,178	37,580	77,758	18.37	7.75	107

TABLE 8. STILL-BIRTHS : NUPTIALITY AND SEX, N.S.W.

Year	Number of Still-births					Still-births per 1,000 of All Births (Live & Still)	Ex-nuptial Still-births per 100 Total Still-births	Male Still-births per 100 Female Still-births
	Nuptial	Ex-Nuptial	Total					
			Males	Females	Persons			
1962	1,014	85	549	550	1,099	12.70	7.73	100
1963	1,070	95	618	547	1,165	13.67	8.15	113
1964	910	93	530	473	1,003	12.30	9.27	112
1965	884	63	509	438	947	11.98	6.65	116
1966	879	85	530	434	964	12.25	8.84	122

TABLE 9. LIVE BIRTHS REGISTERED IN EACH MONTH, N.S.W.

Month		1962	1963	1964	1965	1966
January		7,771	7,813	7,170	6,709	6,526
February		6,730	6,639	6,585	5,744	6,258
March		7,619	7,016	6,361	7,162	6,832
April		6,565	7,154	7,253	5,908	6,035
May		7,989	7,376	6,704	6,628	6,913
June		7,295	6,446	7,121	6,711	6,408
July		7,277	7,578	7,171	6,676	6,279
August		7,187	6,823	6,252	6,668	6,880
September		6,590	6,950	6,745	6,593	6,394
October		7,777	7,587	6,719	6,705	6,680
November		7,011	6,832	6,288	6,842	6,705
December		5,628	5,851	6,149	5,723	5,848
Total		85,439	84,065	80,518	78,069	77,758

TABLE 10. LIVE BIRTHS BY AGE OF MOTHER AND NUPTIALITY, N.S.W., 1966

Age Group (Years)	Nuptial		Ex-Nuptial		Total		
	Males	Females	Males	Females	Males	Females	Persons
Under 20	3,516	3,279	1,243	1,166	4,759	4,445	9,204
20-24	11,947	11,091	896	845	12,843	11,936	24,779
25-29	11,561	10,802	441	430	12,002	11,232	23,234
30-34	6,110	5,697	279	245	6,389	5,942	12,331
35-39	3,053	2,919	176	179	3,229	3,098	6,327
40-44	838	820	61	59	899	879	1,778
45 or more	55	46	1	1	56	47	103
Not stated	1	1	1	1	2
Total	37,080	34,654	3,098	2,926	40,178	37,580	77,758

TABLE 11. DEATHS, N.S.W.

Year	Number of Deaths			Death Rate (a)			Proportion per cent. of Male to Female Rate
	Males	Females	Persons	Males	Females	Persons	
1962	20,633	16,228	36,861	10.30	8.19	9.25	126
1963	20,594	16,632	37,226	10.13	8.26	9.20	123
1964	21,899	17,588	39,487	10.63	8.60	9.62	124
1965	21,553	17,396	38,949	10.30	8.37	9.34	123
1966	22,454	18,092	40,546	10.57	8.57	9.58	123

(a) Deaths per 1,000 of mean population.

TABLE 12. TOTAL DEATHS IN AGE GROUPS, N.S.W., 1966

Age Group (Years)	Males	Females	Persons	Age Group (Years)	Males	Females	Persons
0- 4	1,063	732	1,795	50-54	1,356	814	2,170
5 -9	96	75	171	55-59	1,874	982	2,856
10-14	84	49	133	60-64	2,335	1,208	3,543
15-19	261	105	366	65-69	2,704	1,700	4,404
20-24	279	99	378	70-74	2,979	2,365	5,344
25-29	209	87	296	75-79	3,222	2,928	6,150
30-34	205	136	341	80 or more	3,951	5,726	9,677
35-39	410	255	665	Not stated	9	...	9
40-44	590	352	942	Total			
45-49	827	479	1,306	Deaths	22,454	18,092	40,546

TABLE 13. PRINCIPAL CAUSES OF DEATH, N.S.W.

Inter-national Code No.	Cause of Death	Number of Deaths	
		1965	1966
001-019	Tuberculosis (all forms)	89	94
020-138	Other infective and parasitic diseases	130	140
140-205	Malignant neoplasms	5,670	5,920
210-239	Benign and unspecified neoplasms	75	87
241	Asthma	212	217
260	Diabetes mellitus	483	559
290-293	Anaemias	105	94
330-334	Vascular lesions affecting central nervous system	5,397	5,559
340	Meningitis except meningococcal and tuberculous	32	40
350	Paralysis agitans	105	108
410-416	Chronic rheumatic heart disease	312	311
420-422	Arteriosclerotic and degenerative heart disease	12,983	13,422
430-434	Other diseases of the heart	1,376	1,479
440-443	Hypertension with heart disease	611	613
444-447	Hypertension without mention of heart	288	353
450	General arteriosclerosis	753	808
480-483	Influenza	54	112
490-493	Pneumonia	1,376	1,589
500-502	Bronchitis	861	1,031
540-541	Ulcer of stomach and duodenum	242	244
560,561,570	Intestinal obstruction and hernia	168	195
581	Cirrhosis of liver	214	224
590-594	Nephritis and nephrosis	352	392
600	Infections of kidney	340	357
640-689	Complications of pregnancy, childbirth and the puerperium	25	22
750-759	Congenital malformations	383	362
760-776	Certain diseases of early infancy	907	884
E800-E962	Accidents	2,309	2,272
E963-E999	Other violence	809	741
Residual	All other causes	2,288	2,317
Total Deaths		38,949	40,546

TABLE 14. TOTAL DEATHS REGISTERED IN EACH MONTH, N.S.W.

Month	1962	1963	1964	1965	1966
January	2,828	3,046	3,217	2,763	2,932
February	2,609	2,548	2,594	2,504	2,632
March	2,484	2,546	2,591	2,995	3,057
April	2,308	2,667	2,948	2,730	2,703
May	3,702	3,197	3,068	3,322	3,410
June	3,194	3,184	3,853	3,817	3,704
July	3,770	3,972	4,720	3,799	3,952
August	4,143	3,709	3,983	4,047	4,813
September	3,271	3,443	3,480	3,890	3,847
October	3,361	3,321	3,133	3,126	3,286
November	3,046	2,871	3,171	3,183	3,308
December	2,145	2,722	2,729	2,773	2,902
Total	36,861	37,226	39,487	38,949	40,546

TABLE 15. INFANT DEATHS, N.S.W.

Year	Number of Deaths			Infant Death rate (a)			Proportion per cent. of Male to Female Rate
	Males	Females	Persons	Males	Females	Persons	
1962	1,037	788	1,825	23.56	19.02	21.36	124
1963	932	741	1,673	21.64	18.07	19.90	120
1964	933	701	1,634	22.53	17.93	20.29	126
1965	882	610	1,492	21.93	16.12	19.11	136
1966	880	610	1,490	21.90	16.23	19.16	135

(a) Deaths of children under 1 year of age per 1,000 live births.

TABLE 16. INFANT DEATHS REGISTERED IN EACH MONTH, N.S.W.

Month	1962	1963	1964	1965	1966
January	158	169	143	103	131
February	161	120	122	85	99
March	134	136	129	144	150
April	118	137	160	110	104
May	175	143	151	123	117
June	173	139	152	158	128
July	190	152	158	150	125
August	165	136	132	123	126
September	131	130	120	147	153
October	140	141	129	108	123
November	170	140	127	144	126
December	110	130	111	97	108
Total	1,825	1,673	1,634	1,492	1,490

TABLE 17. DEATHS OF CHILDREN UNDER 5 YEARS OF AGE, N.S.W., 1966

Age at Death	Sydney Statistical Division			New South Wales		
	Males	Females	Persons	Males	Females	Persons
Under 1 day	190	145	335	337	252	589
1 day	68	32	100	106	60	166
2 days	34	23	57	53	37	90
3 days	20	12	32	34	18	52
4 days	10	11	21	20	18	38
5 days	16	2	18	21	4	25
6 days	9	2	11	15	4	19
Total under 1 week	347	227	574	586	393	979
1 week	15	19	34	29	26	55
2 weeks	9	4	13	16	7	23
3 weeks	6	9	15	9	19	28
Total under 4 weeks	377	259	636	640	445	1,085
4 weeks and under 1 year	119	83	202	240	165	405
Total under 1 year	496	342	838	880	610	1,490
1 year	40	34	74	73	57	130
2 years	17	7	24	38	19	57
3 years	26	12	38	42	25	67
4 years	17	10	27	30	21	51
Total under 5 years	596	405	1,001	1,063	732	1,795

TABLE 18. NEO-NATAL AND INFANT MORTALITY RATES (a), N.S.W.

Age at Death	1962	1963	1964	1965	1966
Under 1 day	7.78	7.65	8.01	7.62	7.57
1 day and under 1 week	5.80	5.09	5.13	5.09	5.02
Total under 1 week	13.58	12.74	13.14	12.71	12.59
1 week and under 4 weeks	1.88	1.36	1.17	1.22	1.36
Total under 4 weeks	15.46	14.10	14.31	13.92	13.95
4 weeks and under 1 year	5.90	5.81	5.99	5.19	5.21
Total under 1 year	21.36	19.90	20.29	19.11	19.16

(a) Deaths of children at the age shown per 1,000 live births.

TABLE 19. MARRIAGES REGISTERED IN EACH MONTH, N.S.W.

Month	1962	1963	1964	1965	1966
January	3,006	3,370	3,258	2,994	3,118
February	2,384	2,730	2,606	2,946	3,221
March	2,790	2,536	2,574	3,398	2,920
April	2,350	3,017	3,346	2,985	3,349
May	2,983	2,577	2,452	2,966	3,030
June	2,243	2,289	2,503	2,839	2,714
July	2,109	2,116	2,028	2,081	2,080
August	2,072	2,189	2,288	2,541	2,725
September	2,424	2,367	2,700	3,103	2,958
October	3,022	2,868	3,048	3,105	3,183
November	2,505	2,277	2,676	3,120	3,076
December	2,472	2,663	3,154	3,098	3,201
Total	30,360	30,999	32,633	35,176	35,575

TABLE 20. MARRIAGES OF MINORS, N.S.W.

Year	Number of Minors Married			Percentage of Total Married		
	Males	Females	Persons	Males	Females	Persons
1962	3,661	11,834	15,495	12.1	39.0	25.5
1963	4,072	12,615	16,687	13.1	40.7	26.9
1964	4,397	13,425	17,822	13.5	41.1	27.3
1965	5,205	14,963	20,168	14.8	42.5	28.7
1966	5,569	15,153	20,722	15.7	42.6	29.1

TABLE 21. AVERAGE AGE AT MARRIAGE, N.S.W.

Year	Average Age of Bridegrooms (Years)			Average Age of Brides (Years)		
	Bachelors	Widowers and Divorced	All Bridegrooms	Spinsters	Widows and Divorced	All Brides
1926	27.8	44.0	29.1	24.5	39.5	25.6
1936	27.6	45.4	28.9	24.5	40.3	25.5
1946	26.8	43.7	28.4	24.0	37.7	25.4
1956	26.5	46.5	28.7	23.2	40.9	25.4
1962	25.90	47.01	28.18	22.68	41.66	24.85
1963	25.73	47.21	27.96	22.56	41.90	24.57
1964	25.58	47.29	27.72	22.40	42.16	24.50
1965	25.29	46.98	27.41	22.26	42.14	24.25
1966	25.13	46.42	27.21	22.22	41.98	24.14

TABLE 22. MARRIAGES BY DENOMINATION OF MARRIAGE CERMONY, N.S.W.

Denomination	1965		1966	
	Number	Per cent. of Total Marriages	Number	Per cent. of Total Marriages
Church of England	11,149	31.7	11,327	31.8
Roman Catholic	9,670	27.5	9,882	27.8
Presbyterian	3,153	9.0	3,202	9.0
Methodist	3,035	8.6	3,162	8.9
Orthodox	1,685	4.8	1,601	4.5
Baptist	580	1.6	568	1.6
Congregational	244	0.7	278	0.8
Lutheran	205	0.6	161	0.5
Salvation Army	139	0.4	147	0.4
Seventh Day Adventist	114	0.3	115	0.3
Churches of Christ	152	0.4	147	0.4
Hebrew	134	0.4	124	0.3
Other Denominations	263	0.8	297	0.8
Registrar's Offices	4,653	13.2	4,564	12.8
Total	35,176	100.0	35,575	100.0

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31st August, 1967